

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
31 May 2007 (31.05.2007)

PCT

(10) International Publication Number  
**WO 2007/061998 A3**

(51) International Patent Classification:  
A63F 13/00 (2006.01)

(21) International Application Number:  
PCT/US2006/044991

(22) International Filing Date:  
21 November 2006 (21.11.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/738,747 22 November 2005 (22.11.2005) US

(71) Applicant (for all designated States except US): WMS  
GAMING INC. [US/US]; 800 South Northpoint Blvd.,  
Waukegan, Illinois 60085 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): BLACKBURN,  
Christopher W. [US/US]; 2965 Fairwood Drive, Reno,  
Nevada 89502 (US). BLOCK, Rory L. [US/US]; 1640  
E. Guffey Drive, Carson City, Nevada 89704 (US).  
WARKENTIN, Terry D. [US/US]; 1784 Maison Way,  
Carson City, Nevada 89703 (US).

(74) Agents: STEFFEY, Charles E. et al.; Schwegman, Lund-  
berg, Woessner & Kluth, P.A., P.O. Box 2938, Minncapolis,  
Minnesota 55402 (US).

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS,  
JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS,  
LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY,  
MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS,  
RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN,  
TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SI, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT,  
RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA,  
GN, GQ, GW, ML, MR, NE, SN, TD, TG).

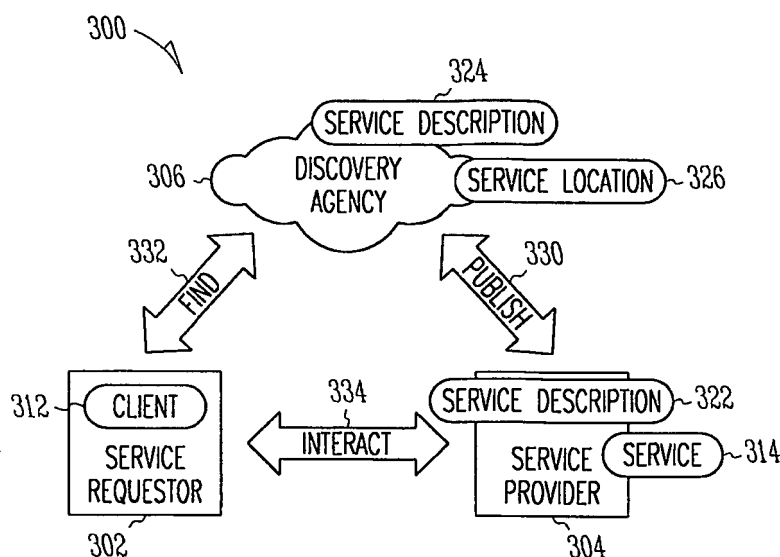
Published:

— with international search report

(88) Date of publication of the international search report:  
26 July 2007

For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

(54) Title: A SERVICE-ORIENTED GAMING NETWORK ENVIRONMENT



(57) Abstract: A gaming services framework includes web services extensions and comprises a set of services, protocols, XML schemas, and methods for providing gaming system functionality in a distributed, network based architecture. Systems and methods provide a service-oriented framework for gaming and property management based upon internetworking technology and web services concepts. One aspect of the systems and methods includes a loosely coupled architecture that consists of software components that semantically encapsulate discrete functionality (self contained and perform a single function or a related group of functions - the component describes its own inputs and outputs in a way that other software can determine what it does, how to

invoke its functionality, and what result to expect). These components may be distributed and programmatically accessible (called by and exchange data with other software) over standard internetworking protocols (TCP/IP, HTTP, DNS, DHCP, etc.).

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US06/44991

## A. CLASSIFICATION OF SUBJECT MATTER

IPC: A63F 13/00( 2006.01)

USPC: 463/29

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 463/29, 25

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	USPGPUB 20020132662 A1 (Sharp et al.) 19 September 2002 (19.9.2002), entire document	1-4, 6-13, 15-20 ----- 5, 14
Y	USPGPUB 2003/0065805 A1 (Barnes) 03 April 2003 (03.04.2003) entire document	5, 14

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	"&" document member of the same patent family

Date of the actual completion of the international search

16 March 2007 (16.03.2007)

Date of mailing of the international search report

08 MAY 2007  
Authorized officer

Bob Pezzuto

Telephone No. (800) 786-9199

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Facsimile No. (571) 273-3201